

Wireless
Fiber Optic
Secure WAN
Remote Power
Ethernet Switches
IP over Coax & UTP
Mobile Surveillance



Product Line Card

www.kbcnetworks.com



Version 0319

IP Transmission Products



ThruLink™

ThruLink™ Secure Hardware VPN

	Standard Unit	Embedded 3G/4G/LTE Version	Throughput*
Standard capacity*	THLK-SC-OO-AN-WA	THLK-SC-CO-AN-WA	15Mbps
Standard capacity plus*	THLK-SP-OO-AN-WA	THLK-SP-CO-AN-WA	30Mbps
High capacity	THLK-H3-RA		100Mbps
High capacity plus	THLK-H4-RA		200Mbps

*Please note, actual system throughput depends on network availability

Media Converters

Media Converters—Industrial

	Product Series	Multi-mode	Single-mode
10/100 media converter—single fiber	MCLN1	MCLN1-M1N-WSA-B*	MCLN1-S1N-WSA-B*
10/100 media converter—dual fiber	MCLN1	MCLN1-M2N-WSA-B	MCLN1-S2N-WSA-B
10/100 media converter—dual ethernet, single fiber	MCLN2	MCLN2-M1N-WSA-B*	MCLN2-S1N-WSA-B*
10/100 media converter—dual ethernet, dual fiber	MCLN2	MCLN2-M2N-WSA-B	MCLN2-S2N-WSA-B
10/100 media converter—single fiber	FTL	FTL1-M1A-MSA*	FTL1-S1A-MSA*
10/100 media converter—dual fiber	FTL	FTL1-M2-MSA	FTL1-S2-MSA
10/100 media converter with SFP port	MCLN1-P	MCLN1-P1N-WNA-B (dependent on SFP module)	
10/100 media converter—dual ethernet with SFP port	MCLN2-P	MCLN2-P1N-WNA-B (dependent on SFP module)	
10/100/1000 media converter—single fiber	MCGN1	MCGN1-M1N-WSA-B*	MCGN1-S1N-WSA-B*
10/100/1000 media converter—dual fiber	MCGN1	MCGN1-M2N-WSA-B	MCGN1-S2N-WSA-B
10/100/1000 media converter—dual ethernet, single fiber	MCGN2	MCGN2-M1N-WSA-B*	MCGN2-S1N-WSA-B*
10/100/1000 media converter—dual ethernet, dual fiber	MCGN2	MCGN2-M2N-WSA-B	MCGN2-S2N-WSA-B
10/100/1000 media converter—single fiber	MCG1	MCG1-M1A-MSA*	MCG1-S1A-MSA*
10/100/1000 media converter—dual fiber	MCG1	MCG1-M2-MSA	MCG1-S2-MSA
10/100/1000 media converter with SFP port	MCGN1-P	MCGN1-P1N-WNA-B (dependent on SFP module)	
10/100/1000 media converter—dual ethernet with SFP port	MCGN2-P	MCGN2-P1N-WNA-B (dependent on SFP module)	
10/100/1000 media converter with SFP port	MCG1-P	MCG1-P2-MSA (dependent on SFP module)	

*The first A in this part number denotes it is an 'A' end product. Pairs of single fiber media converters need an 'A' end and a 'B' end to operate.

E.g. when ordering 2 single fiber, compact, multimode media converters from the FTL range, you would require a FTL1-M1A-MSA and a FTL1-M1B-MSA.

SFP modules listed lower right below

PoE Media Converters—Industrial

	Product Series	Wall-mount MM	Wall-mount SM
10/100 media converter with PoE—single fiber	FTLS1	FTLS1-M1A-WSA*	FTLS1-S1A-WSA*
10/100 media converter with PoE—dual fiber	FTLS1	FTLS1-M2-WSA	FTLS1-S2-WSA
10/100/1000 media converter with PoE—single fiber	MCGS1	MCGS1-M1A-WSA*	MCGS1-S1A-WSA*
10/100/1000 media converter with PoE - dual fiber	MCGS1	MCGS1-M2-WSA	MCGS1-S2-WSA

*Also requires 'B' end

**All media converters available in rack mount configurations. Please contact KBC for more information.

eCopper™ Extended Ethernet Kits

Extended Ethernet Kits

(IP Transmission & Power over Coax, UTP & 2 wire cabling)

	Product Series	1 Camera	2 Cameras	3 Cameras	4 Cameras
Ethernet over Coax (EoC) Kits*	EECF	EECF-1KT-B	EECF-2KT-B	EECF-3KT-B	EECF-4KT-B
Ethernet over UTP (EoU) Kits**	EERF	EERF-1KT-B	EERF-2KT-B	EERF-3KT-B	EERF-4KT-B

*EoC kits include (1-4) EECF1-LS1-T-MN-B transmitters, (1) EECF1-LN1-R-MN-B receiver & (1) GST160A48 power supply or (1) EECF4-DN1-R-WN-B receiver & (1) GST160A48 power supply.

**EoU kits include (1-4) EERF1-LS1-T-MN-B transmitters, (1) EERF1-LN1-R-MN-B receiver & (1) GST160A48 power supply or (1) EERF4-DN1-R-WN-B receiver & (1) GST160A48 power supply.

Extended Ethernet Modules

	Product Series	1 Channel	4 Channel	8 Channel	16 Channel
Ethernet over Coax (EoC) Transmitter	EECF	EECF1-LS1-T-MN-B			
Ethernet over Coax (EoC) Receiver	EECF	EECF1-LN1-R-MN-B	EECF4-DN1-R-WN-B	EECF8-GN3-R-RA-B	EECF16-GN3-R-RA-B
Ethernet over UTP (EoU) Transmitter	EERF	EERF1-LS1-T-MN-B			
Ethernet over UTP (EoU) Receiver	EERF	EERF1-LN1-R-MN-B	EERF4-DN1-R-WN-B	EERF8-GN3-R-RA-B	EERF16-GN3-R-RA-B

Industrial Ethernet Switches

Unmanaged Industrial Ethernet Switches

	Product Series	DIN Rail	Power Input	PoE Description
Unmanaged, 5 copper 10/100Mbps ports	ESUL5	ESUL5-DA	12-36VDC	No PoE ports
Unmanaged, 5 copper 10/100Mbps ports	ESUL	ESULH4-L1-W	48VDC	IEEE802.3at, PoE+ on 4 ports*
Unmanaged, 4 copper 10/100Mbps & 1 10/100M SFP port	ESUL	ESULS4-M1-B	48-57VDC	IEEE802.3at, PoE+ on 4 ports
Unmanaged, 5 copper 10/100Mbps ports	ESUL	ESULS4-L1-B	48-57VDC	IEEE802.3at, PoE+ on 4 ports
Unmanaged, 5 copper 10/100/1000Mbps ports	ESUG	ESUGS4-G1-L-B	9-36VDC	IEEE802.3at, PoE+ on 4 ports
Unmanaged, 4 copper 10/100/1000Mbps & 2 Gigabit SFP ports	ESUG	ESUGS4-P2-B	48-57VDC	IEEE802.3at, PoE+ on 4 ports
Unmanaged, 6 copper 10/100/1000Mbps & 1 Gigabit SFP ports	ESUG	ESUGS6-P1-L-B	9-36VDC	IEEE802.3at, PoE+ on 6 ports
Unmanaged, 8 10/100 SFP & 2 Gigabit SFP ports	ESUM	ESUMN8-P2-B	24VDC	All SFP switch
Unmanaged, 8 copper 10/100/1000Mbps & Gigabit SFP ports	ESUG	ESUGS8-P2-B	48-57VDC	IEEE802.3at, PoE+ on 8 ports
Unmanaged, 8 copper 10/100/1000Mbps & Gigabit SFP ports	ESUG	ESUGS8-P2-L-B	9-36VDC	IEEE802.3at, PoE+ on 8 ports
Unmanaged, 8 copper 10/100/1000Mbps ports	ESUG	ESUGS8-B	48VDC	IEEE802.3at, PoE+ on 8 ports

*PoE+ ports are switch selectable to 70W per port (non-standard IEEE802.3at)

Managed Industrial Ethernet Switches

	Product Series	DIN Rail/Wall-mount*	Power Input	PoE Description
Managed, 4 copper 10/100/1000Mbps & Gigabit SFP ports	ESMG	ESMG54-P2-B	48-57VDC	IEEE802.3at, PoE+ on 4 ports
Managed, 8 copper 10/100/1000Mbps & 2 Combo Gigabit SFP ports	ESMG	ESMG58-C2-B	48-57VDC	IEEE802.3at, PoE+ on 8 ports
Managed, 8 copper 10/100/1000Mbps & 4 Gigabit SFP ports	ESMG	ESMG58-P4-B	48-57VDC	IEEE802.3at, PoE+ on 8 ports
Managed, 16 copper 10/100/1000Mbps & 2 Combo Gigabit SFP ports	ESMG	ESMG16-P2-RAT	110-240VDC	IEEE802.3at, PoE+ on 16 ports
Managed, 24 copper 10/100/1000Mbps & 4 Combo Gigabit SFP ports	ESMG	ESMG524-P4-RAT	110-240VDC	IEEE802.3at, PoE+ on 24 ports



Wireless Transmission Products



Wireless Ethernet Systems (WES)

Wireless Point-to-Point Kits (Pre-programmed by KBC Networks for plug and play operation)	Standard Throughput Kit	High Throughput Kit	Included with kit
Point-to-point kit (HTG)		WES3HTG-KT	(2) WES3HTG-AX-CA units, Gigabit PoE injector & (1) PS48-500A power supply
Point-to-point kit with 5 port PoE switch (HTG)		WES3HTG-KT-P5	(2) WES3HTG-AX-CA units, (1) ESUGS4-P2-B & (1) DR120-48 power supply
Point-to-point kit with 8 port PoE switch (HTG)		WES3HTG-KT-P8	(2) WES3HTG-AX-CA units, (1) ESUG8-B & (1) DR240-48 power supply
Point-to-point kit	WES3-KT		(2) WES3-AX-BA & (1) WES3-PIM-WP 24 VDC Passive PoE
Point-to-point kit	WES3-KT-9		(2) WES3-AX-BA & (1) WES3-PIM-WP 24 VDC Passive PoE
Point-to-point kit, 5GHz, PoE powered	WES3-KT-POE		(2) WES3-AX-CF PoE units
Point-to-point kit with 5 port PoE switch and PSU	WES3-KT-P5		(2) WES3-AX-CA units, (1) ESULS4-L1-B & (1) DR120-48 power supply
Point-to-point kit with 8 port PoE switch and PSU	WES3-KT-P8		(2) WES3-AX-CA units, (1) ESUG8-B & (1) DRP240-48 power supply

All WES3 and WES3HTG kits and units include wall/pole mounting hardware.

WES3HTG, 5GHz, High Throughput, up to 650Mbps (1.3Gbps aggregate)	Product Series	17dBi Patch Antenna	9dBi Patch Antenna	5dBi Omni-Directional Antenna
WES3HTG, Point to point host/point to multipoint host/client unit	WES3HTG	WES3HTG-AX-CA	WES3HTG-AX-BA	WES3HTG-AX-AA
WES3HTG, explosion proof point-to-point host/point-to-multipoint host/client	WES3HTG-EXP	Eternal-user defined N/A Class I, II, Division 1, Groups B, C, D, E, F, G intrinsically safe 5GHz HTG wireless radio		

WES3, 5GHz, Standard Throughput, Up to 99Mbps	Product Series	17dBi Patch Antenna	9dBi Patch Antenna	5dBi Omni-directional Antenna
Point-to-point host/point-to-multipoint host/client unit	WES3	WES3-AX-CA	WES3-AX-BA	WES3-AX-AA
Point-to-point host/point-to-multipoint host/client unit, PoE version	WES3	WES3-AX-CF	WES3-AX-BF	WES3-AX-AF

WES3 is supplied as one unit. The firmware allows the user to select between point-to-point host, point-to-multipoint host and client.

Additional Antennas	Product Series	Description
5GHz directional, 17dBi patch antenna	PAT5M	5GHz 17dBi MIMO antenna with connection cables.
5GHz omnidirectional, 13dBi antenna	OD5M13	5GHz 13dBi MIMO omnidirectional antenna with connection cables.
5GHz omnidirectional, 5dBi antenna	VT58G	5GHz 5dBi omnidirectional antenna

KBC Product Power Supplies

Industrial Power Supplies	Model Number	Type	Description
Standard power supply	PS24-500A	Wall Plug	24VDC 500mA power supply used with WES3 products.
Standard power supply	PS48-500A	Wall Plug	48VDC 500mA power supply used with WES3HTG products.
Extended temperature power supply, 20W	MDR20-12	DIN Rail	12VDC 1.6A power supply used with ThruLink products.
Standard power supply, 18W	GST18A12	Desktop	12VDC 1.5A power supply used with media converter products.
Standard power supply, 60W	GST60A48	Desktop	48VDC 1.25A power supply used with EoC/EoU products.
Standard power supply, 160W	GST160A48	Desktop	48VDC 3.3A power supply used with EoC/EoU products.
Standard power supply, 75W	NDR-75-48	DIN Rail	48VDC 1.6A power supply used with EoC/EoU products.
Standard power supply, 120W	DR-120-48	DIN Rail	48VDC 2.5A power supply used with switch power products.
Extended temperature power supply, 120W	SDR-120-48	DIN Rail	48VDC 2.5A power supply used with switch products.
Standard power supply, 240W	DRP-240-48	DIN Rail	48VDC 5A power supply used with switch products.
Extended temperature power supply, 240W	SDR-240-48	DIN Rail	48VDC 5A power supply used with switch products.
Standard power supply, 480W	DRP-480S-48	DIN Rail	48VDC 10A power supply used with switch products.
Extended temperature power supply, 480W	SDR-480-48	DIN Rail	48VDC 10A power supply used with switch products.

Industrial SFP Modules	Copper	Multi-mode	Single-mode	Paired
Gigabit Ethernet/Twisted pair	SFP-GT-D			
100Mbps 2 fiber (2Km/20Km)		SFP-MM2-D	SFP-MS2-AD	
100Mbps 1 fiber (20Km)			SFP-MS1A-AD	SFP-MS1B-AD
100Mbps 1 fiber (20Km)			SFP-MS1A-AD-C	SFP-MS1B-AD-C
Gigabit 2 fiber (500m 50/125u/220m 62.5/125u)		SFP-GM2-D		
Gigabit 2 fiber (2Km/20Km)		SFP-GM2-1310	SFP-GS2-AD	
Gigabit 1 fiber (20Km)			SFP-GS1A-AD	SFP-GS1B-AD
Gigabit 1 fiber (20Km)			SFP-GS1A-AD-C	SFP-GS1B-AD-C

*All SFP modules DDM, standard connector is LC.
 ** C** indicated SC connector

Not sure which KBC transmission products to select for your application?

No problem. We have US based sales and technical support representatives with 25+ years of application experience available to assist you. *Contact us today.*

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Remote Power & Transmission Products



PoE Power Kits

The SPB series wireless PoE kits are designed for remote camera applications to power IP cameras where power is available for IP video transmission. The kits convert high voltage (100Vac - 240Vac) power to low voltage PoE power and are designed to make installation straightforward.

SPB Power Kits	Output for Camera (Number/Type)	Camera Type	Output for Antenna (Number/Type)
KBC-SPB-1AF-24/48	1 IEEE802.3af 15W	Fixed	1 24/48VDC for WES3-AX-*A/F series wireless antennas
KBC-SPB-1AT-24/48	1 IEEE802.3at 30W	IP PTZ or Fixed	1 24/48VDC for WES3-AX-*A/F & WES3HTG series wireless antennas
KBC-SPB-4AF-48-70W	4 1 HPoE 70W, 3 IEEE802.3af each <10W	IP PTZ or Fixed	1 48VDC for WES3-AX-*F or WES3HTG-AX-*A wireless antennas
KBC-SPB-1AF-TL	1 IEEE802.3af 15W	Fixed	1 Cellular ThruLink® 4G/LTE (ThruLink unit to be ordered separately but integrated into SPB enclosure)
KBC-SPB-4AF-P2	1-4 Up to 4 IEEE802.3af 15W, or up to 2 30W	IP PTZ or Fixed	2 Fiber Optic Transmission via SFP sold separately; one port for fiber input, one port for fiber output
KBC-SPB-HPoE-24	1 HPoE, 70W	IP PTZ	1 24VDC for WES3-AX-*A series wireless antennas
KBC-SPB-HPoE-48	1 HPoE, 70W	IP PTZ	1 48 VDC for WES3-AX-*F & WES3HTG wireless antennas
KBC-SPB-4AF-24	1-4 IEEE802.3af 15W (x4) or IEEE802.3at 30W (x2)	Fixed IP PTZ	1 24VDC for WES3-AX-*A series wireless antennas
KBC-SPB-4AF-48	1-4 IEEE802.3af 15W (x4) or IEEE802.3at 30W (x2)	Fixed IP PTZ	1 48VDC for WES3-AX-*F series & WES3HTG wireless antennas
KBC-SPB-24-24	0	N/A	1-2 Designed for Relay Application (2) 24vdc antennas
KBC-SPB-48-48	0	N/A	1-2 Designed for Relay Application (2) 48vdc 802.3af PoE input antenna

**All SPB PoE Power Kits include a NEMA rated enclosure and pole/wall mount brackets*

Solar Power Kits

Solar Array	AL2 Series	AL5 Series
100W, 3.5-14W load	KBC-AL2-100W	KBC-AL5-100W
200W, 7-27W load	KBC-AL2-200W	KBC-AL5-200W
300W, 10-45W load	KBC-AL2-300W	KBC-AL5-300W
600W, 20-90W load	KBC-AL2-600W	KBC-AL5-600W
1200W, 40-180W load	KBC-AL2-1200W	KBC-AL5-1200W

Solar kits include PWM or MPPT charge controller, breakers, terminal blocks, DIN rail, cabling, solar panel and NEMA enclosure pole/wall mounts. For help with kit selection, see the solar map and table on KBC website. Batteries and pole not included.

*KBC-AL2-ENC: AL2 and UAL2 kits include a 21.5"H x 16"W x 13"D NEMA 4X-IP65 lockable aluminum enclosure with space for 2 - 100 Ah SLA / LiFePo4 batteries.
KBC-AL5-ENC: AL5 and UAL5 kits include a 30"H x 22"W x 13"D NEMA 4X-IP65 lockable aluminum enclosure with space for 2 - 250 Ah SLA / LiFePo4 batteries.*

Backup Power Kits

Backup Power	UAL2/5 Series
12VDC/24A	KBC-UAL2-12
24VDC/12.5A	KBC-UAL2-24
48VDC/6.3A	KBC-UAL2-48
12VDC/24A	KBC-UAL5-12
24VDC/12.5A	KBC-UAL5-24
48VDC/6.3A	KBC-UAL5-48

Backup power kits include an advanced 3-stage charge controller, NEMA enclosure, pole/wall mounts. Batteries and pole not included.

Wind Turbine

Part Number	Power	Description
KBC-VWT450	12/24VDC 400 W	Auto voltage detect with charge controller. Starts producing power at 4.7mph.

Mobile Surveillance System (MSS)

Part Number	Description
MSS Series	<p>Kits include a combination of the following:</p> <ul style="list-style-type: none"> wheeled base unit with outriggers and swing arm mast fixed folding base with outriggers and swing arm mast removable & configurable Quick Connect Pod up to 3 - 100 watt solar panels removable & configurable electronics tray solar charge controller and wiring harness supplemental battery charger and wiring harness battery rack for 1 - 3 AGM or LifePO4 batteries tie down kit with sand bags, spiral stakes & rope lock kit for extra security 2" hitch mounted hydraulic lift for single unit transport 4G/LTE and/or wireless connectivity

MSS units are custom build solutions that are highly configurable. Contact KBC for options, accessories and transmission options.



Power Accessories

PoE Injectors	Power Input	Power Output
KBC-VE-DC/DC-18	9-36VDC	18v PoE
KBC-VE-DC/DC-24	9-36VDC	24v PoE
KBC-VE-DC/DC-48M	9-36VDC	IEEE 802.3af
KBC-VE-DC/DC-1248HP	10-36VDC	IEEE 802.3af (35W)
KBC-VE-DC/DC-2448HP	18-36VDC	IEEE 802.3at (35W)
KBC-VE-DC/DC-1256P-70W	10-15VDC	IEEE 802.3at (70W)
KBC-VE-DC/DC-2456P-70W	18-36VDC	IEEE 802.3at (70W)

Power Converters	Power Input	Power Output
KBC-CV-24DC-12DC	18-32VDC	12VDC (15W)
KBC-CV-24DC-12DC-60W	24VDC	12VDC (60W)
KBC-CV-24DC-24D-70W	10-15VDC	24VDC (70W)

Fiber Optic Transmission Products



Video Point-to-Point products and ASFOM products below shown as Transmitters (T). Receivers also available.
Fiber ST connector versions shown, SC and FC connectors also available.

Video Point-to-Point Transmission (8-bit video shown, 10-bit also available)	Product Series	Desktop MM	Desktop SM	Chassis Card MM	Chassis Card SM
1 channel video	FDVA	FDVA1-M1T-MSA	FDVA1-S1T-MSA	FDVA1-M1T-BS	FDVA1-S1T-BS
1 channel video, 1 simplex contact closure	FDVA1-IA1	FDVA1-IA1-M1T-MSA	FDVA1-IA1-S1T-MSA	FDVA1-IA1-M1T-BS	FDVA1-IA1-S1T-BS
1 channel video, return simplex data, RS485	FDVA1-DC1	FDVA1-DC1-M1T-MSA	FDVA1-DC1-S1T-MSA	FDVA1-DC1-M1T-BS	FDVA1-DC1-S1T-BS
1 channel video, 'Up-the-Coax' & 2 duplex contact closures	FCHA1	FCHA1-M1T-WSA	FCHA1-S1T-WSA	FCHA1-M1T-BS	FCHA1-S1T-BS
1 channel video, 1 ch. bi-directional data or Pelco Coaxitron data	FCHA1-DB1				
1 channel video, bi-directional data	FDVA1-DB1	FDVA1-DB1-M1T-MSA	FDVA1-DB1-S1T-MSA	FDVA1-DB1-M1T-BS	FDVA1-DB1-S1T-BS
1 channel video, bi-directional data & bi-directional contact closure	FDVA1-DB1-IB1	FDVA1-DB1-IB1-M1T-MSA	FDVA1-DB1-IB1-S1T-MSA	FDVA1-DB1-IB1-M1T-BS	FDVA1-DB1-IB1-S1T-BS
4 channel video multiplexer	FDVA4	FDVA4-M1T-WSA	FDVA4-S1T-WSA	FDVA4-M1T-BS	FDVA4-S1T-BS
4 channel video, bi-directional data	FDVA4-DB1	FDVA4-DB1-M1T-WSA	FDVA4-DB1-S1T-WSA	FDVA4-DB1-M1T-BS	FDVA4-DB1-S1T-BS
8 channel video multiplexer	FPVG8	FPVG8-M1T-WSA	FPVG8-S1T-WSA	FPVG8-M1T-BS	FPVG8-S1T-BS
8 channel video multiplexer, bi-directional data	FPVG8-DB1	FPVG8-DB1-MT	FPVG8-DB1-ST	FPVG8-DB1-MT-C	FPVG8-DB1-ST-C
The following are available in 1U/2U tray configurations	Product Series	MM	SM	Tray	
16 channel video multiplexer	FPVG16	FPVG16-MT-R	FPVG16-ST-R	1U	
16 channel video, bi-directional data	FPVG16-DB1	FPVG16-DB1-MT-R	FPVG16-DB1-ST-R	1U	
32 channel video multiplexer	FPVG32	FPVG32-MT-R	FPVG32-ST-R	2U	
32 channel video multiplexer, bi-directional data	FPVG32-DB1		FPVG32-DB1-ST-R	2U	
Data	Product Series	Desktop MM	Desktop SM	Chassis Card MM	Chassis Card SM
1 channel data	Fddb1	Fddb1-M1T-MSA	Fddb1-S1T-MSA	Fddb1-M1T-BS	Fddb1-S1T-BS
ASFOM (Application Specific Fiber Optic Modem)	Product Series	Desktop MM	Desktop SM	Chassis Card MM	Chassis Card SM
ASFOM multi-interface, custom products: please choose the mix and number of signals from: analog video, analog audio, data, contact closure, telephone, Ethernet, USB, DVI & SDI. ASFOM supports point-to-point, bus and redundant fiber solutions. From the millions of possible solutions, the following are examples of what you can specify:					
Audio PtP transmission - 1 channel duplex	ASFOM FPA	FPAD1-MT	FPAD1-ST	FPAD1-MT-C	FPAD1-ST-C
Audio PtP transmission - 1 channel simplex	ASFOM FPA	FPA A1-MT	FPA A1-ST	FPAA1-MT-C	FPAA1-ST-C
E1 PtP transmission	ASFOM FPE	FPED1-MT	FPED1-ST	FPED1-MT-C	FPED1-ST-C
Contact closure PtP transmission, 4 channels duplex	ASFOM FPI	FPID4-MT	FPID4-ST	FPID4-MT-C	FPID4-ST-C
Contact closure PtP transmission, 8 channels simplex	ASFOM FPI	FPIA8-MT	FPIA8-ST	FPIA8-MT-C	FPIA8-ST-C
Telephone PtP transmission	ASFOM FPT	FPTD1-MT	FPTD1-ST	FPTD1-MT-C	FPTD1-ST-C
Bus transmission system	Combine up to 16 wavelengths on a single fiber to create an add/drop bus.				
Redundant PtP or bus transmission system	Provide backup links for point-to-point and bus systems.				
Chassis Card Cages	Product Series	3U, Single PSU, 120Vac Input	3U, Dual PSU, 120Vac Input	4U, Single PSU, 120Vac Input	4U, Dual PSU, 120Vac Input
19" Chassis with integral PSU	FR3/FR4	FR3-AB	FR3-AB-RP	FR4-AB	FR4-AB-RP

Applications

CCTV & surveillance
Security
Intelligent Transport Systems (ITS)
Telemetry & SCADA
Industrial control systems
Access control systems
Remote video, voice & data transmission
Building & site management
Secure transmission

Verticals

Town & city center
Transportation
Critical national infrastructure
Power, utilities & petrochemical plants
Government agency & emergency services
Military systems
Homeland security & counter-terror
Remote data
Commercial, retail & residential

Integrity

Maintaining close, individual relationships with our customers and partners is our top priority. Everything we do as a company—and as individuals—is handled with complete integrity and respect.

Service

Superior service and support is a critical component of our business. We believe that successful network and system performance rely on accurate design and correct installation, so our technical and sales teams provide product support throughout the lifecycle of every project. Please contact us for customised pre-sales and technical support.

Quality

Reliability and high performance are at the core of our design, engineering and manufacturing processes. KBC is proud to offer products and services that go above and beyond recognized international standards.

More Products

We've included our major product groups in this brochure. For further detail about the complete range, please visit our website: www.kbcnetworks.com, or call your local representative.

Better Installation

We spend time thinking about our products so you don't have to. KBC products are designed for straightforward set-up, simple analysis and minimal maintenance.

Greater Performance

Our products are built to perform in commercial and industrial environments. Our industrial ranges feature extended operating temperatures and industrially-hardened casings to withstand temperature extremes and the rigors of industrial and outdoor environments.

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